

Title (en)  
METHODS OF DATA ERROR CORRECTION

Publication  
**EP 0072640 B1 19861022 (EN)**

Application  
**EP 82304042 A 19820730**

Priority  
JP 12759581 A 19810814

Abstract (en)  
[origin: US4541092A] A method of error correcting pulse code modulated data is provided in which the data words and check words are encoded in an error correcting block. The encoded data words may have one of at least two error conditions associated therewith, and the presence of each type of error condition is detected for each word. A corresponding pointer identifying one of these error conditions is added to the data words. In subsequent processing, the kinds of pointers added are discriminated, and the data words are processed on the basis of the results of this discrimination to correct or compensate for error conditions in the data words.

IPC 1-7  
**G11B 5/09**; **G06F 11/10**

IPC 8 full level  
**H03M 13/00** (2006.01); **G06F 11/10** (2006.01); **G11B 5/09** (2006.01); **G11B 20/18** (2006.01); **H03M 13/15** (2006.01); **H03M 13/27** (2006.01)

CPC (source: EP US)  
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Cited by  
EP0180764A3; EP0156154A1; EP0136587A3; EP0194888A3; EP0129223A3; GB2275393A; GB2275393B; EP0140381A3; EP0156413A1

Designated contracting state (EPC)  
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**US 4541092 A 19850910**; AT E23071 T1 19861115; CA 1184678 A 19850326; DE 3273916 D1 19861127; EP 0072640 A1 19830223; EP 0072640 B1 19861022; JP H0351140 B2 19910805; JP S5829237 A 19830221

DOCDB simple family (application)  
**US 61567084 A 19840531**; AT 82304042 T 19820730; CA 406845 A 19820708; DE 3273916 T 19820730; EP 82304042 A 19820730; JP 12759581 A 19810814